

DEVAL L. PATRICK GOVERNOR TIMOTHY P. MURRAY LIEUTENANT GOVERNOR JUDYANN BIGBY, MD SECRETARY

COMMISSIONER

The Commonwealth of Massachusetts

Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

08/19/2011

Jaclyn Sexton Assistant District Attorney, Norfolk County

Dear ADA Sexton,

Enclosed is the information you requested in regards to Commonwealth vs. Included are copies of the following:

are copies of the following:

- 1. Curriculum Vitae for Annie Dookhan and Peter Piro.
- 2. Drug Analysis Laboratory Receipt.
- 3. Control Cards with analytical results for samples #

4. Analysis sheets with custodial chemist's hand notations and test results.

5. GC/Mass Spectral analytical data for samples #

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Peter Piro was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Annie Dookhan

Chemist II

Sincerely,

Drug Analysis Lab

Jamaica Plain, MA. 02130

(617) 983-6631

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry. University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

- *Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.
- *Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.
- *Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.
- *Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.
- *Maintenance and repairs of all analytical instruments.
- *Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.
- *Oversee the Quality Control/Quality Assurance program for the Drug Lab.
- *Writing, revising and reviewing Standard Operating Procedures (SOPs) and Protocols.
- *Notary Public.
- *Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 - 2003

OC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

- *Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.
- *Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.
- *Writing, revising and reviewing Standard Operating Procedures (SOPs).
- *Trained and supervised new chemists and interns for the department.
- *Routine QC testing of products for the FDA.
- *Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.
- *Calibration, preventive maintenance, QC and QA of analytical instrumentation.
- *Complete testing of chemicals for Vendor Validation Project for the FDA.
- *Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP training with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS trainings with Agilent Technologies and Restek.

HPLC and LC/MS/MS trainings with Waters Cooperation.

FTIR training with Spectros.

TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

Curriculum Vitae

Peter Piro

EDUCATION

Boston Unversity

B.A. in Chemistry and Minor in Biology, 1989

HONORS

Magna Cum Laude, 3.6 GPA Graduated with Distinction in Chemistry Valedictorian of the Chemistry Department

EXPERIENCE

Department of Public Health/State Laboratory Institute

Chemist III, II, I/ Assistant Analyst

December 1991-Present

Supervise the operation and maintenance of the Gas Chromatography/Mass

Spectrometry Laboratory. Analyze controlled substances for State and Federal law enforcement agencies. Qualified as an expert witness in Massachusetts courts and U.S. District Court.

Massachusetts Health Research Institute

Laboratory Technician

September 1990-December 1991

Researched the seasonal and special occurrences of DSP and PSP in shellfish samples harvested from coastal waters and Georges Bank.

TRAINING AND ORGANIZATIONS

- * Completed a six-week training course by senior staff within the Department of Public Health Drug Analysis laboratory.
- * Appointed Assistant Analyst by the Assistant Commissioner of Public Health in . February 1991.
- * Elected as a Regular Member to the Northeastern Association of Forensic Chemists on October 27th 1995.
- * Completed training in Mass Spectrometry given by the Food and Drug Administration/Forensic Chemistry Center on November 2002.
- * Completed training in Mass Spectrometry Troubleshooting and Maintenance, October 25th 2002, at Agilent Technologies.
- * Notary Public since 1993.

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health State Laboratory Institute

Boston Drug Laboratory Tel (617) 983-6622 Fax (617) 983-6625

Amherst Drug Laboratory Tel (413) 545-2601 Fax (413) 545-2608

| Boston Hours 8:00 - 11:00 2:00 - 4:00 | DRUG RECEIP | ${f T}$ | Amherst Hours 9:00 - 12:00 1:00 - 3:00 |
|--|---------------------|------------------------------------|--|
| City or Department: Quincy | Po | olice Reference No.: | |
| Name and Rank of Submitting Offi | icer: Det: W. Ward | | |
| Defendant(s) Name (last, first, initi | al): | , | |
| To be completed by Submitter Description of Items Submitted | | To be completed to Gross Weight | - |
| 3) Oxycontin (60mg) + | ablets | 2.14 | |
| Approx. (2) Oxycodone (| | 1.64 | |
| 1) Oxycodone (15mg) table | f and (1) Oxycodone | 1,9 | |
| (30mg) tablet | | 11 Geog | |
| Received by: | UO | Date: | 4-13-11 |

6-22-11

O. DATE ANALYZED:

CITY: QUINCY POLICE DEPT.

OFFICER: DETECTIVE WILLIAM WARD

DEF:

4

AMOUNT: 3 SUBST: TAB

No. CONT:

1 CONT: PB

DATE REC'D: 04/13/2011 No. ANALYZED:

GROSS WT:

2.140 NET WT: 0.70

#TESTS: 1450

27.Pin

PRELIM: Oxcodore FINDINGS: Oxy codo Ne

O. DATE ANALYZED:

CITY: QUINCY POLICE DEPT.

6-22-11

OFFICER: DETECTIVE WILLIAM WARD

DEF:

AMOUNT: 2 SUBST: TAB

No. CONT:

1 CONT: PB

DATE REC'D: Ø4/13/2011 No. ANALYZED:

GROSS WT:

1.640 NET WT: 0.16

#TESTS: 125

\$ 566.W

PRELIM: Oxycodore FINDINGS: Oxycodore

DATE ANALYZED:

6-22-11

CITY: QUINCY POLICE DEPT.

OFFICER: DETECTIVE WILLIAM WARD

DEF:

AMOUNT:

SUBST: TAB

No. CONT:

1 CONT: PB

DATE REC'D: Ø4/13/2Ø11 No. ANALYZED:

GROSS WT:

1.660 NET WT: 0.20

#TESTS: 2080

· 4P.Pird

PRELIM: Oxycodore FINDINGS: Oxycodone

DRUG POWDER ANALYSIS FORM

| SAMPLE # AGE | NCY Quan | AN, | ALYST_ | C2A | |
|------------------------------|----------|----------------------|----------|----------|--|
| No. of samples tested: | | 9 | | | |
| PHYSICAL DESCRIPTION: | | Gross Wt | ():_ | | |
| 3 bown read E | 4012L-4 | Gross Wt | ():_ | · | ······································ |
| 17.85 | | Pk | g. Wt:_ | | |
| | | · N | et Wt: _ | 0.70 | <u> ۱۹</u> |
| OP 60 | | | | • | |
| | | | | | |
| | | | | | |
| PRELIMINARY TESTS Spot Tests | | <u>Microcrystali</u> | ine Test | 5 | |
| Cobalt Thiocyanate () | | Gold Chloride | | | |
| Marquis | | TLTA () | , | | |
| Froehde's | | OTHER TE | STS | , | |
| Mecke's | | Money | C AV | <u> </u> | |
| | | | | | |
| PRELIMINARY TEST RESULTS | 9 | GC/MS CONFIRMA | TORY T | EST | |
| RESULTS Oxycodure | F | RESULTS OX 7 | مدمعه | 2 | |
| DATE 6-16-11 | | MS ERATOR ?3 | | | |
| | | חאדר ניין | 2 - 1: | | |

Drug Information

DRUG NAME: OXYCONTIN

INGREDIENTS: OXYCODONE HYDROCHLORIDE -- 60 MG

Color: Red

Shape: Circle

Imprint: OP The tablet is debossed with OP on one side and 60 on the other.

60

Form: Oral Tablet, Extended Release

Available-Container-Size: Strip of

20, Bottle of 100

AAPCC Code: 037705 - Oxycodone Alone or in Combination (Excluding

Combination Products with

Acetaminophen or Acetylsalicylic Acid)

NDC: 59011-0460-20 59011-0460-10

Excipients: Butylated

Hydroxytoluene; Hypromellose; PEG-400; Polyethylene Oxide; Magnesium

Stearate; Titanium

Dioxide; Polysorbate 80; Ferric Oxide,

Red; Ferric Oxide, Black

Regulatory Status: Schedule II

Availability: United States

Product ID 7090270

Contact: Purdue Pharma

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DRUG POWDER ANALYSIS FORM

| SAMPLE# | AGENCY Q | uncy. ANALYST | D>2 |
|------------------------------|----------|----------------------|----------|
| No. of samples tested: | | Evidence Wt. | |
| PHYSICAL DESCRIPTION: | | Gross Wt(): | |
| 2 green nance | +43/6+ | Gross Wt (): | |
| 5 dien vara | 62 | Pkg. Wt: | |
| | | Net Wt: | 0.1661 |
| (J) (48 | | | |
| | | | |
| | | | |
| PRELIMINARY TESTS Spot Tests | | Microcrystalline Tes | ts_ |
| Cobalt Thiocyanate () | | Gold Chloride | |
| Marquis | | TLTA () | |
| Froehde's | | OTHER TESTS | |
| Mecke's | | Monda A P |) |
| | | | |
| PRELIMINARY TEST RESULTS | | GC/MS CONFIRMATORY | TEST |
| RESULTS On coane | | RESULTS ogua | <u> </u> |
| DATE 6-16-11 | | MS OPERATOR P3P | |
| , | | DATE 6-22-11 | |

Drug Information

DRUG NAME: OXYCODONE HYDROCHLORIDE

INGREDIENTS: OXYCODONE HYDROCHLORIDE -- 15 MG

Color: Light Green Shape: Circle

Imprint: 4811 The tablet is debossed with 4811 on one side and V on the

reverse side., V

Form: Oral Tablet

Available-Container-Size: Bottle of 10, Bottle of 100, Bottle of 500, Bottle

of 1000

AAPCC Code: 037705 - Oxycodone Alone or in Combination (Excluding

Combination Products with

Acetaminophen or Acetylsalicylic Acid)

NDC: 00603-4991-21 00603-4991-28

UPC: 06034-99128

Excipients: Stearic Acid; FD&C Blue No. 1 Aluminum Lake; D&C Yellow No.

10 Aluminum Lake; Lactose (Monohydrate); Magnesium

Stearate; Cellulose,

Microcrystalline; Povidone; Sodium

Starch Glycolate

Regulatory Status: Schedule II

Availability: United States

Product ID 7093704

Contact: Qualitest Pharmaceuticals

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DRUG POWDER ANALYSIS FORM

| SAMPLE # AGENCY Q | way ANALYST AS? |
|------------------------------|-------------------------------|
| No. of samples tested: | Evidence Wt. |
| PHYSICAL DESCRIPTION: | Gross Wt(): |
| I appear and tooket in | Gross Wt (): |
| رم ، ر | Pkg. Wt: |
| (F) (418/11) | Net Wt: 0.2006 |
| | |
| 1 phrevara topex is | |
| 215 O | |
| PRELIMINARY TESTS Spot Tests | <u>Microcrγstalline Tests</u> |
| Cobalt Thiocyanate () | Gold Chloride |
| Marquis | TLTA () |
| | OTHER TESTS |
| Mecke's | Monder A (B) |
| | |
| PRELIMINARY TEST RESULTS | GC/MS CONFIRMATORY TEST |
| RESULTS organice | RESULTS Dylodore |
| DATE 6-16-11 | MS OPERATOR PJP |
| | DATE 6-22-4 |

Drug Information

DRUG NAME: OXYCODONE HYDROCHLORIDE

INGREDIENTS: OXYCODONE HYDROCHLORIDE -- 15 MG

Color: Light Green Shape: Circle

Imprint: 4811 The tablet is debossed with 4811 on one side and V on the

reverse side., V

Form: Oral Tablet

Available-Container-Size: Bottle of 10, Bottle of 100, Bottle of 500, Bottle

of 1000

AAPCC Code: 037705 - Oxycodone Alone or in Combination (Excluding

Combination Products with

Acetaminophen or Acetylsalicylic Acid)

NDC: 00603-4991-21 00603-4991-28

UPC: 06034-99128

Exclpients: Stearic Acid; FD&C Blue No. 1 Aluminum Lake; D&C Yellow No.

10 Aluminum Lake ; Lactose (Monohydrate) ; Magnesium

Stearate; Cellulose,

Microcrystalline; Povidone; Sodium

Starch Glycolate

Regulatory Status: Schedule II

Availability: United States

Product ID 7093704

Contact: Qualitest Pharmaceuticals

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Drug Information

DRUG NAME: OXYCODONE HYDROCHLORIDE

INGREDIENTS: OXYCODONE HYDROCHLORIDE -- 30 MG

Color: Blue Shape: Circle

Imprint: A; 215
Form: Oral Tablet

Available-Container-Size: Bottle of

100,10X10

AAPCC Code: 037705 - Oxycodone Alone or in Combination (Excluding

Combination Products with

Acetaminophen or Acetylsalicylic Acid)

NDC: 52152-0215-02 52152-0215-11

Excipients: Starch, Corn; FD&C Blue

No. 2 Aluminum Lake ; Lactose (Monchydrate) ; Cellulose, Microcrystalline ; Silicon Dioxide ; Sodium Starch Glycolate ; Stearic Acid

Regulatory Status: Schedule II

Availability: United States

Product ID 6527175

Contact: Actavis Totowa

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8-12-11

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\06_21_11\792614.D

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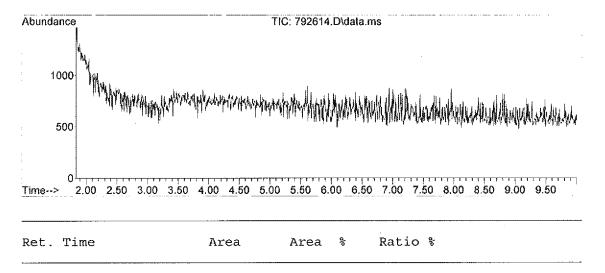
Date Acquired : 21 Jun 2011 13:57

Sample Name : BLANK

Submitted by

Vial Number : 1 AcquisitionMeth: DRUGS.M

Integrator : RTE



NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\06_21_11\792615.D

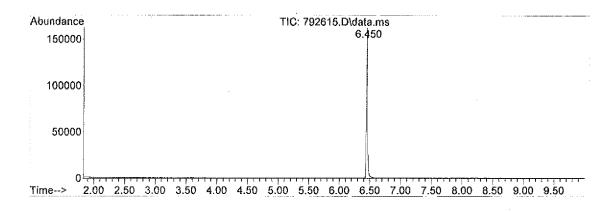
Operator : NEM/P. PIRO

Date Acquired : 21 Jun 2011 14:10 : OXYCODONE STD

Sample Name Submitted by

: Vial Number 15 ; AcquisitionMeth: DRUGS.M

Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|--------|--------|---------|
| 6.450 | 211763 | 100.00 | 100.00 |

File Name : C:\msdchem\1\data\SYSTEM6\06 21 11\792615.D

Operator : NEM/P. PIRO

Date Acquired : 21 Jun 2011 14:10

Sample Name : OXYCODONE STD

Submitted by

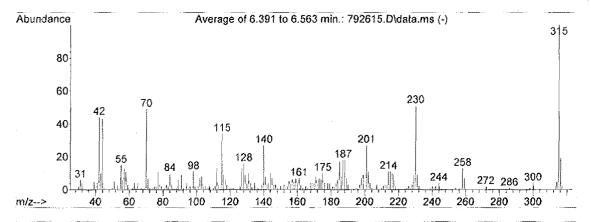
Vial Number : 15 AcquisitionMeth: DRUGS.M Integrator : RTE

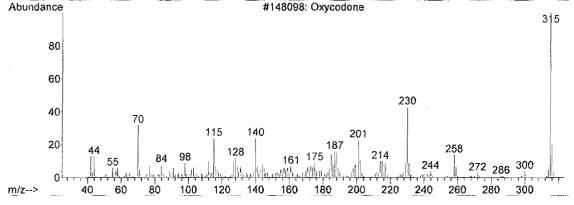
Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST08.L Minimum Quality: 80

C:\Database\PMW TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|---|---|----------------|
| 1 | 6.45 | C:\Database\NIST08.L Oxycodone Oxycodone Oxycodone | 000076-42-6 000076-42-6 000076-42-6 | 99 99 99 |



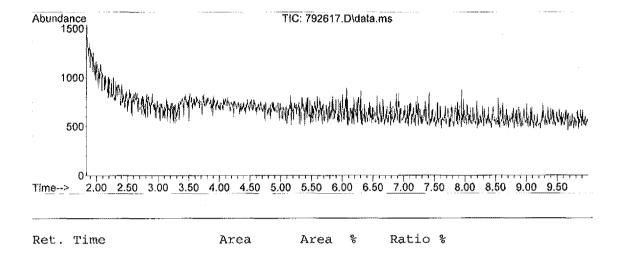


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Operator : NEM/P. PIRO

Date Acquired : 21 Jun 2011 14:36

Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



NO INTEGRATED PEAKS

```
Information from Data File:
```

: C:/madchem/I/data/sYSTEM6/06_21_11/792618.D File Name

: NEW\P. PIRO Operator

: 21 Jun 2011 14:49 Date Acquired

Submitted by Vial Number asA : Sample Name

M. BDUAG : http://www.nbcd.m. 8T :

Integrator : KLE

| | 00.001 | 00.00r | 322444 | 994.9 |
|---------------------|----------------|--------------|------------------|--------------------|
| | Ratio % | Area % | Area | Вет. Тіте |
| 09.6 00.6 03.8 00.8 | 09.7 00.7 08.8 | 00.8 03.8 00 | 9 09 7 00 7 09 9 | 0 S 00 S 60 3.00 S |
| | , | | | 20000 |
| | | | | 000001 |
| | | | | 000091 |
| | 991.9 | | | S00000 |

File Name : C:\msdchem\1\data\SYSTEM6\06_21_11\792618.D

Operator : NEM/P. PIRO

Date Acquired : 21 Jun 2011 14:49

Sample Name

Submitted by ASD Vial Number 18 AcquisitionMeth: DRUGS.M Integrator : RTE

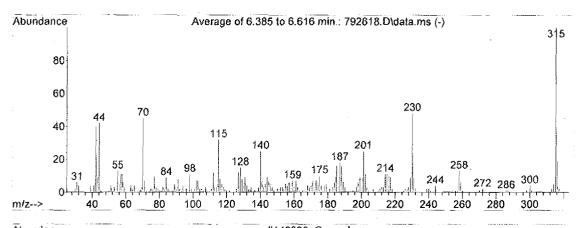
Search Libraries: C:\Database\SLI.L

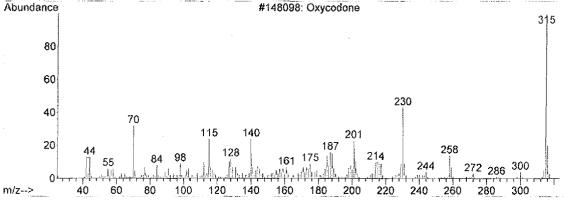
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C:\Database\NIST08.L

C:\Database\PMW TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|---|---|----------------|
| 1 | 6.46 | C:\Database\NIST08.L Oxycodone Oxycodone Oxycodone | 000076-42-6 000076-42-6 000076-42-6 | 99 99 99 |





: C:/msqchem/1/qsfs/SXSTEM6/06_21_11/792620.D File Name Information from Data File:

: NEW\b' biko Орекасок

: SI Inn SOII Date Acquired

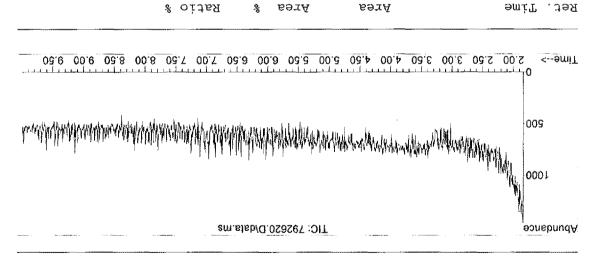
: BLANK Sample Name

τ Vial Number **GSA** Submitted by

AcquisitionMeth: DRUGS.M.

Ιυρεδαστοκ : RTE

NO INTEGRATED PEAKS



12:12

bsge

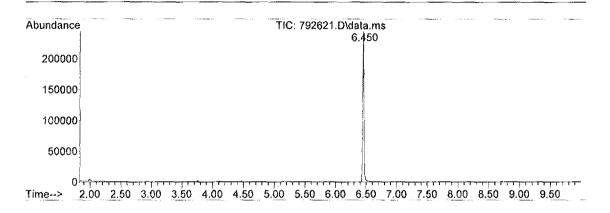
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Operator : NEM/P. PIRO

Date Acquired : 21 Jun 2011 15:28

Sample Name

Submitted by : ASD
Vial Number : 21
AcquisitionMeth: DRUGS.M
Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|--------|--------|---------|
| 6.450 | 337004 | 100.00 | 100.00 |

: C:\msdchem\1\data\SYSTEM6\06 21 11\792621.D File Name

Operator : NEM/P. PIRO

Date Acquired : 21 Jun 2011 15:28

Sample Name

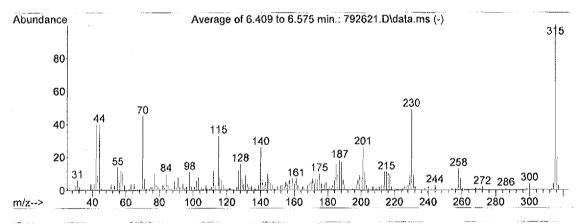
Submitted by ASD Vial Number 21 AcquisitionMeth: DRUGS.M Integrator : RTE

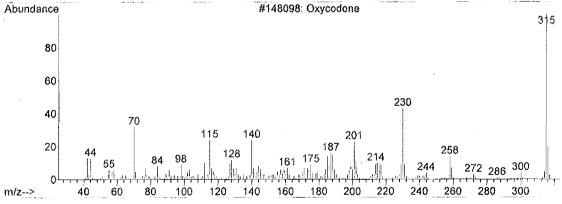
Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 C:\Database\NIST08.L Minimum Quality: 80

C:\Database\PMW TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-----------------------------------|----------------------------|----------|
| 1 | 6.45 | C:\Database\NIST08.L Oxycodone | 000076-42-6 | 99 |
| | | Oxycodone Oxycodone | 000076-42-6 000076-42-6 | 99 99 |



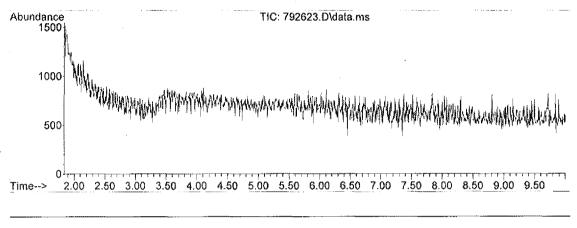


File Name : C:\msdchem\1\data\SYSTEM6\06 21 11\792623.D

Operator : NEM/P. PIRO

Date Acquired : 21 Jun 2011 15:53

Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time

Area

Area

Ratio %

NO INTEGRATED PEAKS

```
Information from Data File:
```

: C:/msdchem/l/data/SYSTEM6/06_21_11/792624.D File Name

: NEW\b. PIRO Operator

Sample Name : SI Inn SOII 90:91 Date Acquired

M. 25UAG : http://orbitionAccord. Submitted by Vial Number : 54 **GSA**

: KLE Incegrator

| | 100.00 | 00.00τ | 088139 | 954.9 |
|------------------|---------------------------|-----------------|--------|----------------------|
| | Ratio % | yrea % | Укея | Вес. Тіте |
| 09.6 00.6 03.8 0 | 0.8 03.7 00.7 03.8 | | | 7ime> 2.00 2.50 3.00 |
| | | | | 1000001 |
| | | | | S00000 |
| | 15 | | | 300000 |
| e see an e | sm.stsb 62 4 .8 | TIC: 792624.DIT | | Abundance |

File Name : C:\msdchem\1\data\SYSTEM6\06_21_11\792624.D

Operator : NEM/P. PIRO

Date Acquired : 21 Jun 2011 16:06

Sample Name :

Submitted by : ASD
Vial Number : 24
AcquisitionMeth: DRUGS.M
Integrator : RTE

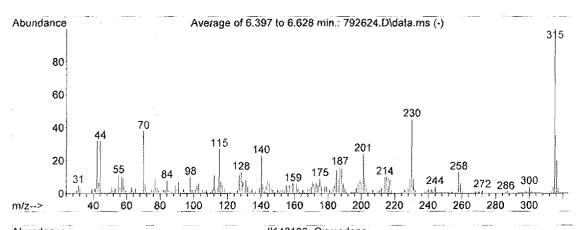
Search Libraries: C:\Database\SLI.L

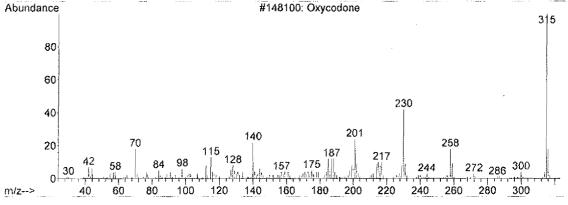
C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80

C: \Database \MISIOO.L

C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|---|---|----------------|
| 1 | 6,46 | C:\Database\NIST08.L Oxycodone Oxycodone Oxycodone | 000076-42-6 000076-42-6 000076-42-6 | 99 99 99 |



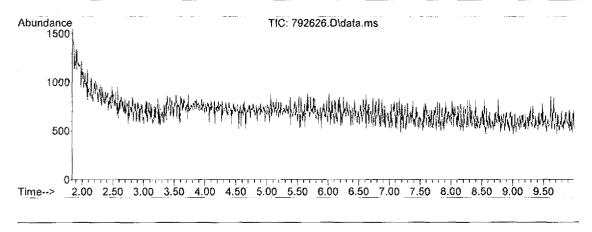


File Name : C:\msdchem\1\data\SYSTEM6\06_21_11\792626.D

Operator : NEM/P. PIRO

Date Acquired : 21 Jun 2011 16:32

Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time

Area

Area %

Ratio %

NO INTEGRATED PEAKS

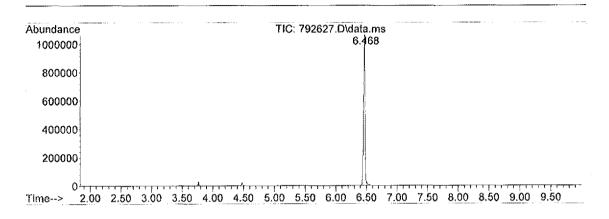
File Name : C:\msdchem\1\data\SYSTEM6\06 21 11\792627.D

Operator : NEM/P. PIRO

Date Acquired : 21 Jun 2011 16:45

Sample Name

Submitted by : ASD
Vial Number : 27
AcquisitionMeth: DRUGS.M
Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 6.468 | 1761771 | 100.00 | 100.00 |

File Name : C:\msdchem\1\data\SYSTEM6\06 21 11\792627.D

Operator : NEM/P. PIRO

Date Acquired 21 Jun 2011 16:45

Sample Name

Submitted by ASD Vial Number 27 AcquisitionMeth: DRUGS.M Integrator : RTE

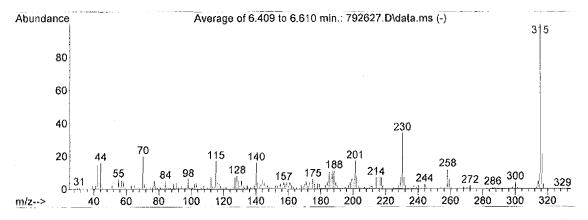
Search Libraries: C:\Database\SLI.L

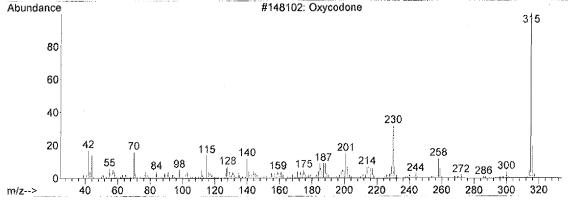
Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST08.L

C:\Database\PMW TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|----------------------|-------------|------|
| 1 | 6.47 | C:\Database\NIST08.L | | |
| | | Oxycodone | 000076-42-6 | 99 |
| | | 0xycodone | 000076-42-6 | 99 |
| | | Oxycodone | 000076-42-6 | 99 |





File Name : C:\msdchem\1\data\SYSTEM6\06_21_11\792644.D

Operator : NEM/P. PIRO

:

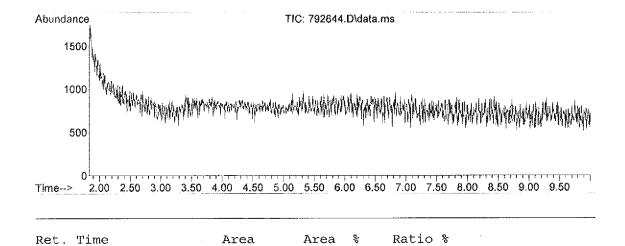
Date Acquired : 21 Jun 2011 20:24

Sample Name : BLANK

Submitted by

Vial Number AcquisitionMeth: DRUGS.M

Integrator : RTE



NO INTEGRATED PEAKS

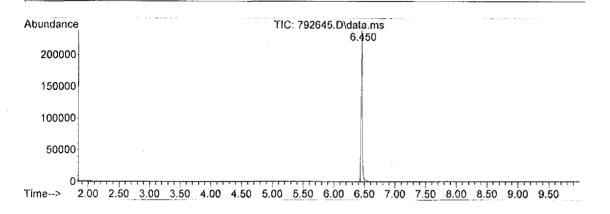
File Name : C:\msdchem\1\data\SYSTEM6\06 21 11\792645.D

Operator : NEM/P. PIRO Date Acquired : 21 Jun 2011 20:36

Sample Name : OXYCODONE STD

Submitted by

Vial Number 15 AcquisitionMeth: DRUGS.M Integrator : RTE



| Ret. Time | Area | Area % | Ratio % | |
|-----------|--------|--------|---------|--|
| 6.450 | 327103 | 100.00 | 100.00 | |

File Name : C:\msdchem\1\data\SYSTEM6\06_21_11\792645.D

Operator : NEM/P. PIRO

Date Acquired : 21 Jun 2011 20:36 OXYCODONE STD Sample Name

Submitted by

Vial Number 15 AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: Minimum Quality: 80 C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST08.L

C:\Database\PMW TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|---------|------|----------------------|-------------|------|
| 1 | 6.45 | C:\Database\NIST08.L | | |
| | | Oxycodone | 000076-42-6 | 99 |
| | | Oxycodone | 000076-42-6 | 99 |
| | | Ovycodone | 000076-42-6 | 99 |

